Date: 21/ 1/ 2025

PSYCHOLOGICAL REPORT

Referred by: Prof. Reham Elnany

Name: Fayrouz Ayman Mahmoud   **Sex: ( ) Male   (*) Female**

Date of birth: 20 / 9 / 2020

 Age: 4 yrs. 4 mth.

Information resource: Her mother

COMPLAINT:

1) **Assessment of Intellectual ability.**

PSYCHOLOGICAL ASSESSMENT:

Previous tests:

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A female right handed child, she has normal activity, cooperative, sometimes she was inattentive during the session.

She has a speech delay; the pronunciation of some letters was not clear, sometimes she was speaking in meaningless sentences.
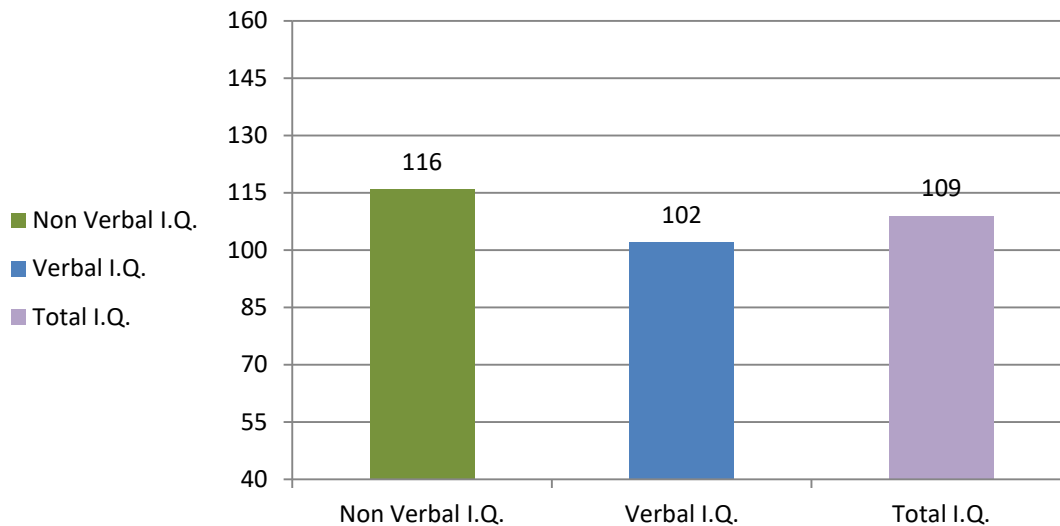
She needed reinforcement and encouragement continuously during the session and this affected her performance positively.

Her non verbal I.Q., was better than her verbal I.Q., and this was proved by the results.

Tests, Results & Assessment:

1- Stanford-Binet Intelligence Scale (Version 5)			
Degree of I.Q.	**Standard Score**	**Percentile Rank**	**Confidence Interval 95%**
Non Verbal I.Q.	116 (above average)	86	112-120
Verbal I.Q.	102 (average)	56	98-106
Total I.Q.	109 (average)	73	104-114

I.Q., Stanford-Binet Intellligence Scale (Version 5)

Total I.Q.

Total I.Q. represents the sum of the five factor indexes scores which are evenly distributed between the two fields; the non verbal field and the verbal field. The score which she obtained classifies her within _average_ category of intelligence, this total score measures not only the knowledge gained from school but the sum of the five main aspects of intelligence (Fluid Reasoning, Knowledge, Quantitative Reasoning, Visual-Spatial Processing and Working Memory).
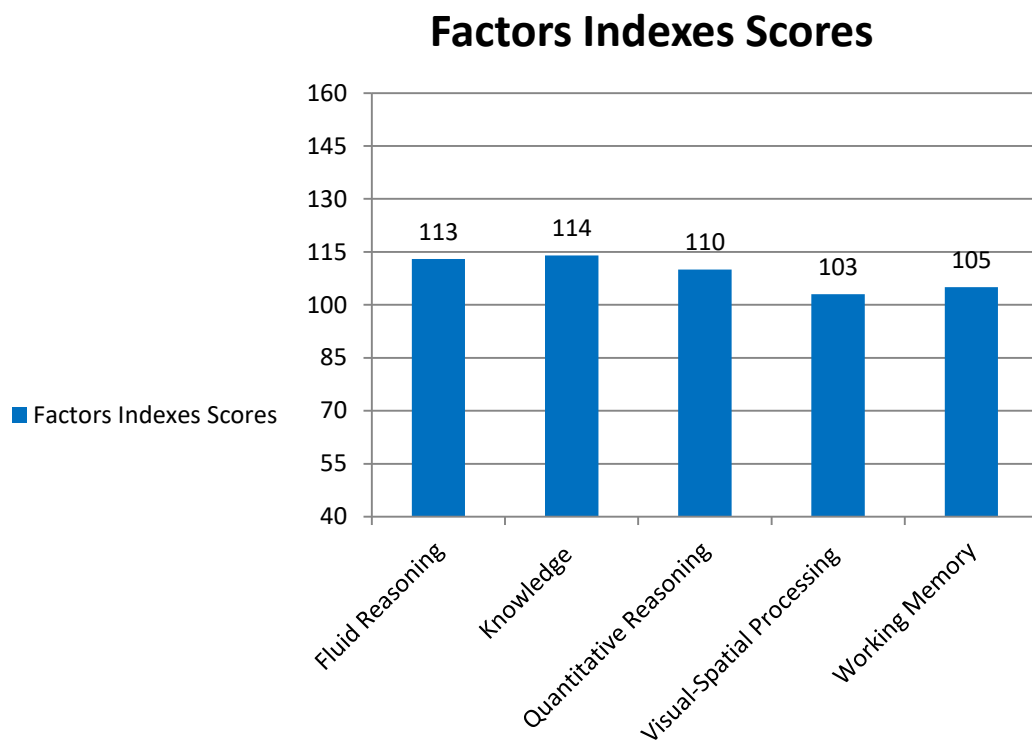
Non Verbal I.Q.

It represents the sum of the five factor indexes scores measured non-verbally; the score which she obtained classifies her within _above average_ category of intelligence.

Verbal I.Q.

It represents the sum of the five factor indexes scores measured verbally; the score which she obtained classifies her within _average_ category of intelligence.

Factors Indexes Scores			
Degree of I.Q.	**Standard Score**	**Percentile Rank**	**Confidence Interval 95%**
Fluid Reasoning	113 (above average)	81	106-120
Knowledge	114 (above average)	82	107-121
Quantitative Reasoning	110 (above average)	76	105-115
Visual-Spatial Processing	103 (average)	57	98-108
Working Memory	105 (average)	64	99-111

Factors Indexes Scores

   According to her factor indexes scores, the child got *above average* category of intelligence in Fluid Reasoning, Knowledge and Quantitative reasoning; which means that she got an above average degree in her ability to solve new figural problems, her ability to analyze and explain, using inductive and deductive

reasoning abilities, her ability to provide information about things, her ability to determine missing or silly details, her ability to apply cumulative information, her ability to define difficult words, her ability to solve initial mathematical problems and her ability to solve increasingly difficult mathematical problems. However she got an _average_ category of intelligence in Visual-Spatial processing and Working Memory; which means that she got an average degree in her ability to solve figural spatial problems, her ability to explain spatial direction to reach a certain image and collecting designs, finally her ability to sort, classify and recall verbal and non verbal information, sorted in short term memory.
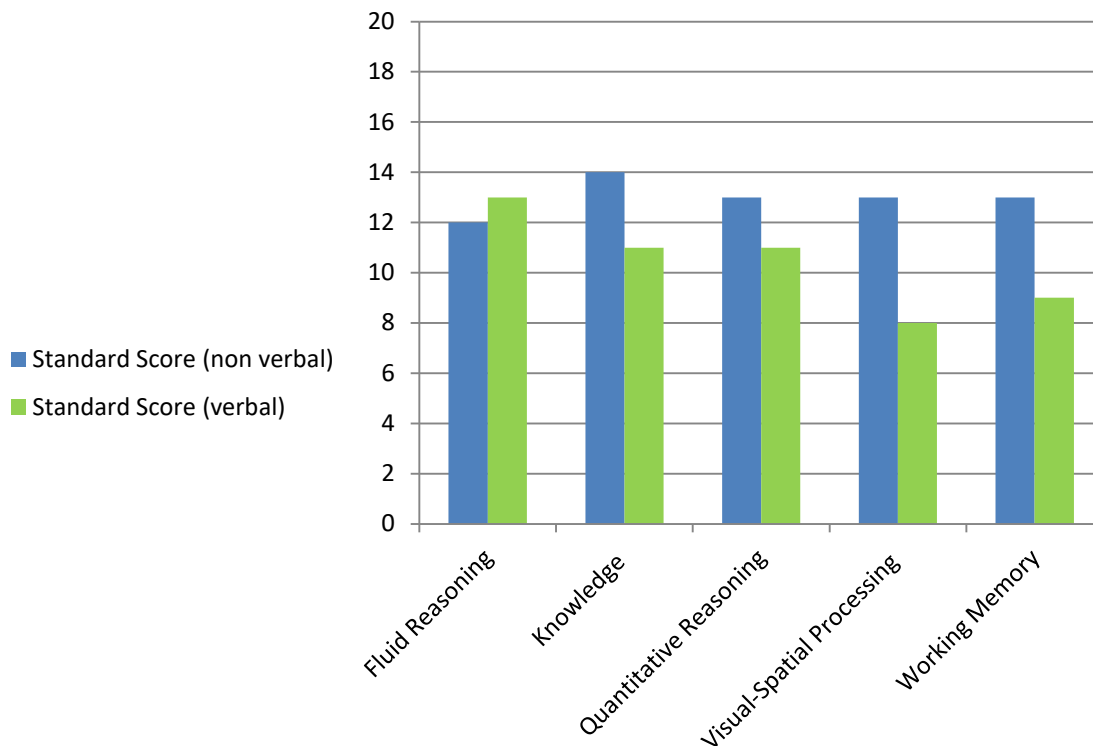
Sub tests Scores

1-Non verbal tests

Sub tests	Standard Score
Fluid Reasoning	12
Knowledge	14
Quantitative Reasoning	13
Visual-Spatial Processing	13
Working Memory	13

2- Verbal tests

Sub tests	Standard Score
Fluid Reasoning	13
Knowledge	11
Quantitative Reasoning	11
Visual-Spatial Processing	8
Working Memory	9

_N.B._ the raw scores are transformed to standard scores with an average of _10_ and _3_ standard deviation.

Legend:
■ Standard Score (non verbal)
■ Standard Score (verbal)

Conclusion:

Our case has 4yrs., 4mth., female, right handed, her total I.Q., and her verbal I.Q., classify her within *average* category of intelligence, but her non- verbal I.Q., classifies her within *above average* category of intelligence.

Recommendations:

1- Conversation sessions.

2- Family counseling.

3- Further psychological investigations to assess ADHD and oppositional defiant disorder; according to her mother complaint.

4- Behavior modification.

5- Follow up.

Clinical Psychologist
Dr. Lamiaa Bakry